



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
(5681-06700/P6950)

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03-243

Application No.: 10/057,496
Filed: January 25, 2002
Inventor(s):
John Morrison

Examiner: Unknown
Group/Art Unit: 2651
Atty. Dkt. No: 5681-06700

Title: Fault Tolerance Mechanism
for a Storage Device That
Stores Data in Stacks
Within an Integral Storage
Medium

I hereby certify that this correspondence is being deposited with
the United States Postal Service with sufficient postage as first
class mail in an envelope addressed to Commissioner for
Patents, Washington, DC 20231, on the date indicated below.

Robert C. Kowert

Name of Registered Representative

Robert C. Kowert March 11, 2003
Signature Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

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Technology Center 2600

Sir:

Applicant requests consideration of ☒ the references listed on the attached Form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A copy of each reference listed on the Form PTO-1449 is enclosed.

1. This Information Disclosure Statement is submitted:

- a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;
☒ before the mailing date of a first Office Action on the merits; or
☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed.

- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.
2. It is hereby certified:
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.
3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
4. For each non-English language reference listed on the attached Form PTO-1449:
- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.

8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5681-06700/RCK.

Respectfully submitted,



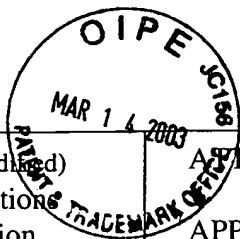
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Date: March 11, 2003

**Form PTO-1449** (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

PATENT DKT. NO. 5681-06700

APPLICANT: John Morrison

FILING DATE: January 25, 2002

SERIAL NO. 10/057,496

GROUP: 2651

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,838,650	11/17/98	Campbell, et al.			
	A2	5,621,549	4/15/97	Redfield			
	A3	5,592,462	1/7/97	Beldock, et al.			
	A4	6,154,432	11/28/00	Faruqui, et al.			

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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	A5	"Lucent and Imation Join up to Develop Holographic Storage," Vital Signs/VisionNet, August 20, 1999, printed from Internet 9/5/01, 1 page.
	A6	"Holographic Memory," John Sand, http://www.optics.Arizona.edu/Glenn/holograp1.htm , April 10, 2002, 6 pages.
	A7	"Proceedings of the Computer Science Discipline Seminar Conference (CSCI 3901), University of Minnesota, Morris-Division of Science and Mathematics, printed from http://mrs.umn.edu/~lopezdr/seminar/sp2000.html , January 16, 2003, 1 page.
	A8	"Holographic Data Storage," IBM, Vol. 44, No. 3, May 2000, 14 pages.
	A9	"Holographic Data Storage," IBM, Science and Technology at Almaden, printed from http://www.almaden.ibm.com/sst/storage/alternative_storage/holographic.html 9/5/01, 1 page.
	A10	"3D Volume Holographic Optical Data Storage Nan Technology," Colossal Storage Corporation, printed from http://www.colossalstorage.net 9/5/01, 8 pages.
	A11	"Holographic Data Storage," GEEK.com, posted January 31, 2001, 6 pages.
	A12	"How Holographic Memory Will Work," Kevin Bonsor, printed from www.howstuffworks.com/holographic-memory.htm on 9/5/01, 4 pages.
	A13	Bell Laboratories, Physical Sciences Research, Miscellaneous pages printed from www.bell-labs.com/org/physicalsciences/projects/hdhs/2.html ; 3.html; 4.html; 5.html; 6.html, 5 pages.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Information Disclosure Statement--PTO 1449 (modified)